

D Shifters Stage Picnic At Big Ridge

Y-12 employees on D Shift, their families and guests really turned out in large numbers for the shift picnic which was held recently at Big Ridge State Park. Approximately 300 people took part in the all day festivities.

Groups of D Shifters were engaged in fishing, swimming, dancing, horseback riding, horseshoe pitching, boating, softball playing, croquet, and badminton playing.

Everyone present also took part in a big meal which was spread at the noon hour.

The D Shift Recreation Committee was on hand to help organize and conduct the many games and contests which were staged for the small fry.

Members of the D Shift Committee include Emmitt Moore, chairman; R. J. McAlister, Ted Higgins, E. L. Huffman, Tom Headrick, J. R. Baumgarner, Bill Stanton, C. E. Miller and R. D. Bass. Ken Bernander is the D Shift Superintendent and George Kirtland is the Assistant D Shift Superintendent.

ENTREES FOR CAFETERIA SPECIAL LUNCHES INCLUDE TASTY ITEMS

Corned beef hash will be the entree for the 50-cent Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, July 14. On next Tuesday, July 19, Boston baked beans will be featured as the main dish. Each lunch includes a vegetable, choice of salad or dessert and rolls and butter.

Vanderbilt Professor To Address AICHE

Dr. E. E. Litkenhous, head of the Chemical Engineering Department of Vanderbilt University, will discuss "The Oxidation of Some Organic Compounds" and also "Statistics as Applied to Traffic Control" at the first summer seminar session sponsored by the American Institute of Chemical Engineers. The meeting will be held at 8 o'clock tonight, Wednesday, July 13, in the auditorium of the Oak Ridge Institute of Nuclear Studies Training Building.

Those interested in sports may associate Dr. Litkenhous' name with his newspaper column presenting the ratings of football teams. Recently he has done research in the field of State automobile traffic control, which he will discuss in the second part of the program.

Dr. Litkenhous received his B.S. and M.S. degrees in chemical engineering from the University of Louisville. He received his Ph.D. degree from the University of Minnesota.

ORNL Scientist To Speak At Physics Seminar Meet

George T. Trammell, of the Oak Ridge National Laboratory Physics Division, is scheduled to speak at the next meeting of the Oak Ridge Physics Seminar at 3:15 o'clock Friday afternoon of this week, July 15. The meeting will be in the auditorium of Bldg. 4500, Oak Ridge National Laboratory and the subject of discussion will be "Report On the Ottawa Conference on Theoretical Physics."



HERE IS THE VARIETY OF ARTICLES FROM WHICH ELIGIBLE CARBIDE EMPLOYEES IN THE Y-12 PLANT Area will choose individual safety awards for the 15th Company Safety period established here. The front article in the display is a Paper-Mate Capri fountain pen. Second row left to right, block plane, knife sharpener, hamburger press, tool grinder and a first aid kit. Back row left to right, two-cup percolator, alarm clock, thermos jug, potato cutter and lawn sprinkler.

G Shift Planning Picnic For July 23

Picnic business is booming in Y-12—it's the G Shift planning an all day affair for Saturday, July 23 at Big Ridge State Park. All employees working on the G Shift with their families and guests are invited to attend the shindig. Families will bring their own lunches with the food being spread at the lunch hour.

Many types of entertainment is being planned for both the children and adults.

Inspectors of the H Shift and J Shift who work with G Shift employees have been invited to attend the shindig.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
20 Days Or
697,200 Hours
(Unofficial Estimate)
Without A Lost Time
Accident
Through July 10

Y-12 Area Employees Start Safety Award Picks

Approximately 3,000 Carbide employees in the Y-12 Plant Area eligible to receive individual safety awards for the 15th Company Safety Period began making their choices this week.

Employees On F Shift Set Big Ridge Picnic July 16

Another big picnic for shift workers is being planned, this one by the employees on the F Shift. The site for the affair will be Big Ridge State Park on Saturday, July 16. Starting time for the big shindig will be 10:00 a.m. and all families or individual guests are expected to bring their own picnic lunch.

Fishing, swimming, horseback riding, horseshoe pitching and other games of all kinds for the children and adults will be available.

The Recreation Committee for the F Shift includes: J. E. Gilstrap, chairman; D. L. Terry, L. E. Baker, M. L. Rice, O. D. Sanders, and L. F. Lee.

LEADING EXPORTS LISTED

The four leading exports by the United States are industrial machinery, automobiles, grain and cotton.

Selection cards which were sent out to the divisions last week are to be filled out by the eligible employees and returned to the Y-12 Safety Department, Bldg. 9704-2, not later than July 22. Each eligible person is to select one item from the 11 articles now on display at the East, North, Central, West and Bear Creek entrances to the plant. The Safety Department urges everyone to be as prompt as possible in making the selections and be certain to designate the portal where the awards will be picked up.

11 Items On Display

A new method of selection was used in determining the 11 articles which are on display now at the various portals. A poll was conducted by the Safety Department of all eligible employees and 1,120 people responded to the new method of selection. Every eligible employee in the Y-12 Plant Area had an opportunity to voice an opinion on the 32 articles from which the eleven was chosen. The thermos jug was the most popular item by getting 113 votes. Other articles chosen and the number of votes received follows, bench tool grinder 80, first aid kit 72, block plane 67, knife sharpener 62, potato cutter 57, alarm clock 52, hamburger press 49, lawn sprinkler and two-cup percolator 43 each and the Paper-Mate pen 41.

The 15th Carbide Safety Period of more than 1,500,000 man-hours of plant operations established in the Y-12 Plant Area extended from March 12 through May 8, inclusive, when 2,034,575 hours of work were performed without a disabling injury. The period without a lost time accident was 58 days.

PYTHON LONGEST SNAKE

The longest snake in the world is said to be the reticulated python, found in India and Malaya. They have been measured as long as 32 feet. The second longest snake is the South American anaconda.



PARTS OF THE HUGE THROG WHICH ATTENDED THE D SHIFT picnic held recently at Big Ridge State Park are shown above. Ken Bernander, D Shift Superintendent, welcomes everyone to the affair in the top left photo. Emmett Moore, D Shift Recreation Committee Chairman, is



shown behind Bernander. Another part of the crowd basking in the sunshine is pictured above left. Several sons and daughters of D Shift personnel enjoy themselves in the photo above right. (More pictures on back page.)

The Bulletin

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Youths Of Country Should Be Urged To Be Engineers

The country is again obliged to arm in an effort to preserve peace or to repulse attack if it should come. We are greatly outnumbered. Our only chance of survival depends upon our ability to out-design, out-develop, out-produce, and out-perform our opponents. In these efforts engineers are essential. But we are short of engineers.

30,000 Needed Annually

Normally, in peacetime, at least 20,000 engineering graduates are required annually. But after absorbing 50,000 in each of the last two years, industry still does not have all it needs. And the military needs have not yet been assessed. Thus, the minimum annual need appears to be not less than 30,000.

The question now is, how can the nation obtain 30,000 engineering graduates yearly? Normally, 50 per cent of the students in engineering schools drop out before they have completed their courses. An annual input of 60,000 freshmen would be required—double the number that entered the schools this year. How can twice as many high school graduates be attracted to engineering schools?

Encouragement Is Urged

It is up to the parent, relative or friend of a boy who is qualified for engineering or who is now in an engineering college. It is up to them to encourage him to enroll in the engineering colleges and to complete his course for a degree.



Q. What rate of interest is charged by the Y-12 Employees Credit Union?

A. The interest paid by borrowers from the Credit Union is one per cent per month on the unpaid balance of the loan. A loan from the Credit Union costs \$6 per \$100 per year. The amount of interest decreases every time a payment is made. There are no other added charges.

FOOD OUTPUT UP

Showing how industry, through farm mechanization, benefits the public in general and agriculture in particular, are the record production figures for 1954. A farmer now produces more than twice as much as a farmer of 50 years ago and, in some crops, many times as much. The average farmer today turns out enough food to feed and clothe himself and 14 other persons.



MAINTENANCE

Planning and Estimating reports that **H. D. Duncan** was on vacation last week . . . **Gertrude Fox** spent her vacation enjoying cottage life on the lake near Rockwood . . . Get well wishes go to **C. L. Evan's** wife who is in the Oak Ridge Hospital . . . **Dot Blosser's** brother, John Secrist, of Virginia also is receiving get well wishes . . . Sympathy goes to **Helen Sisson** whose brother-in-law, William McKeehn, died last week.

Caraylea McKnight, of Research Services, was out sick last week. . . **Arle Franklin** vacationed in Florida while **W. W. Onstott** lollered around in South Carolina and Georgia . . . **B. W. Arms** is in the Oak Ridge Hospital.

F. J. Salts, K. E. McCulley, R. M. Hines and T. W. Williams, all in the Salvage Department, vacationed last week . . . **E. H. Bass** held a two weeks revival while on vacation.

Condolences are extended to **H. G. Bingham** who is in the Johns Hopkins Hospital, also **M. D. Story** in the Oak Ridge Hospital . . . **Babbs Stooksbury** traveled to Myrtle Beach, S. C., for her vacation while **W. S. Miller** took off to Kansas . . . **G. R. Walls, J. W. Gibson, Mike Getsi, J. S. Orr, W. H. Pool and C. N. Crawley** are on vacation, destinations unknown. On the sick list are **J. E. Summers** and **D. E. Goff**.

Mary Fields, of the Laundry, is taking it easy for a couple of weeks.

News from Alpha Four and Five is that **R. W. Fain** is haunting the finny tribe this week around Hickory Star Dock near Andersonville. . . **L. M. Meadows** journeyed to Savannah, Ga., and Norfolk, Va., for his vacation . . . **J. C. McKinney** is enjoying his leisure time around his home in Norris.

W. O. Wells, M. C. Tipton, J. L. Crawford, W. J. Rollins, L. A. Turpin, C. Arrowood and E. R. McConkey, of Process Maintenance, are on vacation.

INDUSTRIAL RELATIONS

Congratulations to **Saran Goins**, of Security, who was married last week to **Bill Cantrell**; the new bride and groom spent their honeymoon in Gatlinburg . . . **Bill Davis** spent his vacation in Washington, D. C.

Mary Napier, of Medical, is vacationing this week.

Lt. G. A. May, Guard Department, journeyed to the land of sunshine for his vacation . . . Get well wishes go to the wife of **Capt. J. H. Conner**.

Imogene Lowe, Personnel Services Department, is on vacation in Florida.

Arthur J. Hines, of the Insurance Department, vacationed in Somerset, Ky., instead of West Virginia.

Ada Hopkins, of Employment, and her husband **C. C.**, of D Mechanical Operations, are vacationing in Miami, Fla.

George McNamee, Cafeteria, and family are visiting in Romney, W. Va.

TECHNICAL

Wade Roberts, Health Physics, is in Kentucky for a week.

Marshall Ward and W. M. Hopkins, of Civil and Architectural Engineering, were vacationers last week.

L. M. Fitzgerald, of Special Testing, spent last week in his home state of Kentucky . . . **J. M. Moore** was in Detroit . . . **Lera Doss** spent a week in Lafayette, Tenn. . . **Red Miracle** was ill last week. . . **Dora Whaley** is welcomed back after rebounding from sickness.

Everyone in the Electrical Engineering Department sends their congratulations to **R. P. George**, who won a nice boat, motor and all the trimmings at Kingston recently.

Ann McWilliams, of Development Operations, vacationed at home in Maryville where she entertained her parents from Florida.

Cascade Development reports **A. Krieg** back to work after a long stay in the Oak Ridge Hospital . . . **K. O. Pearson** is vacationing . . . **Mary Alice Cox** and husband **Benney** are visiting friends near Marietta, Ohio . . . **R. K. Bennett** and family spent last week end in Tuscaloosa, Ala., while visiting friends . . . **H. P. Krog**, co-op student terminated last week to report for Naval Reserve duty—going to take a cruise to Scotland and Denmark, returning to Northwestern University in September. . . **Russ Jenness** vacationed in Florida.

SUPERINTENDENTS

General Utilities makes the headlines with two vacationers, **E. F. Sosby** and **R. P. Mann** . . . **Mann** traveled to Washington, D. C., by the way of Roanoke, Va., and to Annapolis.

S. F. Creigh, Superintendents, is on vacation in Kentucky . . . **F. D. Bender** was on vacation last week . . . **Vivian Norman** is vacationing in Oak Ridge with her husband who is home for a short visit before leaving for overseas duty with the U.S. Army.

A. H. Norman, of the Steam Plant, moved into his new home in Norwood in Knoxville . . . **H. Haney** toured the Smokies and North Carolina last week.

CHEMICAL

Product Processing has a list of vacationers including **G. I. Miller**, who went to Sparta, Tenn. . . **P. E. Whillock, Roy Young, Carol Humphreys**, destinations unknown.

MANUFACTURING OFFICE

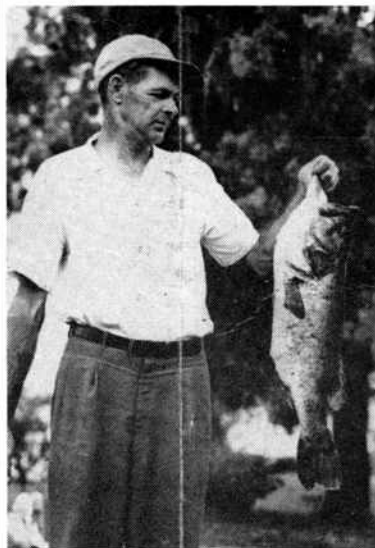
Andy Inman, Reproduction, is in Alabama and Florida on vacation.

Deepest sympathy goes to **E. A. Rector**, of Stores, whose brother-in-law was killed in an automobile accident over the July 4th holidays.

Pat Keener, of the Tool Department, entertained all the girls in the Material Control Department recently with a dinner and immediately following this **Helen Claffey** had a surprise party for **Beverly Valliant**, bride-to-be, at Pat's house in Lenoir City . . . **J. C. Terry** and family are vacationing in California.

Loyall Vandergriff, Property, vacationed last week.

Inspection reports **B. A. Murr** on vacation . . . **W. M. Turner** is in Daytona Beach, Fla. . . **George Duncan** is visiting relatives in Texas . . . **Ed Gambill** and wife, Sarah, of Development Operations, are visiting relatives in Missouri. . . **W. J. Mackley** attended a big family reunion this week in Missouri . . . Get well wishes go to **Johnny Funk** . . . **Bill Russell**



J. V. Haggard, of COLEX Operations, caught this largemouth bass while spending his vacation in Florida recently. The big fish weighed eight pounds and four ounces.



THIS GROUP OF MECHANICAL INSPECTION DEPARTMENT EMPLOYEES represented the department and many other friends of K. T. Woolwine in presenting him a goodbye card and gift on the eve of his retirement June 30. In the front row, from left, are J. W. Pate, W. C. Countiss, Fran Willie, Woolwine, R. W. Sweeney, Jr., and Jessie Guinn. In the rear are J. C. Mills, J. C. Thompson, J. Clyde Bowles, department superintendent; E. E. Denham and Nell Cromer.

Woolwine Given Sendoff By Fellow Employees

was in a car accident over the 4th of July—but sustained no injury.

ALLOY

M. L. Sweet journeyed up to Cincinnati over the long July week end to view some good baseball between the Milwaukee Braves and the Cincinnati Redlegs.

Guy Smith and family spent a few days with his parents in North Carolina on the return trip from Daytona Beach . . . **J. W. Myers** is at Camp Stewart, Ga., with the National Guard for a couple of weeks . . . **J. T. Horn** and **M. C. Asbury** are home vacationers . . . Heading North was **Don Vanover** who was traveling to Lebanon and Harrisburg, Penn. . . and **E. V. Kidwell** to Flint, Mich. . . Going in the opposite direction to the dear old sunny South was **Jo Ann Baker** to Birmingham, Ala., and going on further South were **Dick Floyd, Jean Vaughan** and **Tommy Thompson** to Daytona Beach, Fla.

Alpha Five reports **H. C. McBirney** on vacation in Fontana, N. C. . . Get well wishes are extended to **M. R. Nations** in Knoxville . . . **E. S. Jackson** is taking things easy on his vacation . . . **H. R. Floyd** vacationed in Miami.

E. J. Yearwood of Alpha Four is welcomed back to work after illness for three weeks . . . **J. W. Graves** traveled to Georgia for his military training while **G. H. Kitchens** took his boot training with the Naval Reserve . . . **R. E. Hackworth, George Burton, R. R. Duff** and **Tom Reed** vacationed . . . somewhere . . . more exacting in their destinations were **J. J. Wardzel, Darrell Johnson** and **Jean Vaughan**, who vacationed in Pennsylvania, Gatlinburg and Florida, respectively . . . **John Chamblee** heads for Mississippi on vacation while **L. V. Thornton** takes off for Paducah a different way, via the lakes . . . **Jo Carter** is enjoying a two weeks leisure time . . . **Al Gillen** is making plans for a Daytona Beach trip with a Nashville friend . . . Congratulations go to **D. R. Boyd** as he is the proud papa of a big fine nine pound, 10 ounce bouncing baby boy . . . The biggest fish story of the year has unfolded as **A. S. Kirby** and **E. E. Cook** landed a big lunger of some sort which weighed approximately 200 pounds at Clearwater, Fla.

MECHANICAL OPERATIONS

Lots of vacation news around the General Machine Shop—**D. H. Allen** haunted the finny tribe on Watauga Lake . . . **F. K. Clabough** was in Memphis . . . **J. C. Maples** spent some time in Big Ridge and Sneedville, Tenn. . . **Roanoke, Va.**, beckoned **R. V. Hawk** . . . **W. H. Donahue** vacationed in Gatlinburg . . . **I. O. Kellar** headed for South Oak Ridge (Daytona Beach, that is) . . . **D. R. Albright** spent his vacation in Washington, D. C. . . Home vacation men were **T. A. Cagley** and **L. E. La-**

Continued on Page 4

Carbide Wives Club Meeting Set July 20

The next meeting of the Carbide Wives Club will be held at 7:30 p.m., on Wednesday, July 20, in the East Lounge of the Ridge Recreation Hall. Mrs. R. A. Hamrick will serve as hostess for the party and serving with the hostess will be Mrs. J. E. Longendorfer, Mrs. R. W. Jackson, Mrs. Virginia C. Malone and Mrs. J. M. Smith.

Mrs. K. E. Rapp is serving as president of the club. Vice-president is Mrs. J. K. White, secretary of the organization is Mrs. James O'Bannon and treasurer is Mrs. S. G. Seeley.

All wives of Carbide personnel as well as the female employees of the company are invited to attend each meeting of the club.



Get-well wishes were sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Horace L. Spurgeon, Transportation; Ernest Duncan, Stores; Clarence Mac Armstrong, Research Services; Marion D. Story, Electrical Maintenance; Cleveland Cannon, Janitors.

Bombers Retain Lead In Y-12 Circuit; D Doodies Bow To Beta Two In Fine Tilt

Action in the Y-12 Plant Softball Leagues, American and National, was limited last week due to the holiday on July 4th and wet grounds. The American League got in a few games with the league-leading Bombers, managed by R. J. Luck winning a pair. Bill Ramsey hurled the leaders to a 14 to 2 win over the Vols and an 18 to 9 victory over the second place Dirty Niners. The Bombers jumped to a five run lead in the game with the Vols in the first inning and were never headed. Ramsey let the losers down with just four bingles. The Dirty Niners, who are headed by C. R. Rea, gave a good account of themselves against the loop leaders by scoring nine runs but several errors proved to be the downfall of the second place men. Ted Higgins hurled for the Dirty Niners.

Rebels Improving

Those improving Rebels, managed by Lonnie Beach, trimmed ADP by 11 to 6 in a well played game. Bowman, Rebel chucker, and Baker, twirler for ADP, hooked up in a good game with Bowman giving up just seven hits. Eight errors by ADP provided several runs for the winners.

Rides Wanted, Offered

The Y-12 Bulletin is pleased to be of service to the many users of this column in aiding employees solve their transportation problems. However, because of deadline requirements, it will not be possible to accept riding requests for the column after noon on any Friday for publication the following Wednesday.

Ride wanted or will join car pool—From Maryville to any portal, C Shift. Milford Payne, home telephone 1569J, Maryville.

Rider wanted—From South or West Knoxville to East or West Portal, straight day. Bill Hood, plant telephone 7-8382, home telephone 7-2412, Knoxville.

Ride wanted — From Packer Road in Oak Ridge to Central or West Portal, B Shift. W. C. Walker, home telephone 5-1676, Oak Ridge.

Ride wanted or will join car pool—From Kingston to Central Portal, straight day. Dottie Huffman, plant telephone 7-8203.

Ride wanted or will join car pool—From Kingston to any portal, straight day. W. F. Ferguson, plant telephone 7592.

Ride wanted—From vicinity of 1215 White Ave. in Knoxville to Central Portal, straight day. S. K. Penny, plant telephone 7-8678, home telephone 2-8766.

Will Join Car Pool—From vicinity of 112 Cedar Lane in Fountain City to North or Central Portal, straight day. F. A. Watson, plant telephone 7117, home telephone 6-9389.

Riders Wanted Or Will Join Car Pool—From Norwood or Inskip section of Knoxville to West Portal, B Shift. John S. Hurst, plant telephone 7434, home telephone 6-6609.

Ride Wanted — From Hazelnut Drive, Solway Highway near Ridgedale community to Central Portal, straight day. Lillian Higgins, plant telephone 7931.

Riders Wanted—From Kingston to any portal, C Shift. T. A. Hickman, plant telephone 7417, home telephone 6261, Kingston.

Want To Join Car Pool—From Kingston to North Portal, B Shift. C. E. Bolyard, plant telephone 7500.

Two Riders Wanted — From townsite in Oak Ridge to Central Portal, straight day. Vivian Jacox, plant telephone 7-8426, home telephone 5-9360.

Ride Wanted—From vicinity of West Outer Drive and Jersey Lane in Oak Ridge to Central Portal, straight day. Lucille Hatmaker, plant telephone 7657, home telephone 5-0277.

Crutchfield led the victors at the platter by banging out two hits.

In the National League only one game was played but it was a fine contest. Beta Two nipped the hard fighting D Doodies by 8 to 7. The D Doodies got off to a two run lead in the first inning but failed to hold on as Beta Two roared back with four tallies in the top of the second frame. Howard Burnett pitched for the D Doodies and Spradlin chucked for Beta Two.

League standings and results as of last Thursday night, July 7, follow:

AMERICAN LEAGUE STANDINGS			
Team	W	L	
Bombers	10	2	
Dirty Niners	8	4	
Rebels	7	5	
UCJV	7	5	
Sunflowers	6	5	
Vols	4	7	
Wildcats	5	8	
ADP	3	8	
Steamers	1	9	

NATIONAL LEAGUE STANDINGS			
Team	W	L	
Ridgerunners	11	1	
Beta Four	9	2	
Beta Two	10	3	
Bums	4	6	
Engineers	4	7	
Madcaps	1	5	
D Doodies	1	9	
Sparkplugs	0	7	

AMERICAN LEAGUE RESULTS				
Team	R	H	E	
Bombers	532	010	3-14	13
Vols	010	100	0-2	4
Ramsey and Castleberry. Law and Frazier.				

Bombers	911	43x	x-18	11	0
Dirty Niners	105	30x	x-9	3	7
Ramsey and Castleberry. Higgins and Lambdin.					
ADP	110	021	1-6	7	8
Rebels	204	500	x-11	8	0
Baker and J. Seivers. Bowman and E. Miller.					

NATIONAL LEAGUE RESULTS				
Beta Two	040	400	0-8	9
D Doodies	200	103	1-7	7
Spradlin and Winkle. Burnett and Bradshaw.				

Tennis Ladder Play For Women Begins

A Y-12 Women's Tennis Ladder has been formed and several of the participants have completed matches according to an announcement from the Y-12 Recreation Office. The ladder has been set up for singles play. Play will be determined on a challenging basis with two best out of three sets making up a match. Each person on the ladder may challenge a maximum of two places above her present position.

Three matches were played last week as Ruby O'Kain won over Lois Secrist by 6-3, 6-3. Helen Brown defeated Frankie Dubose by 6-2, 6-2. Mary Cusman took Lois Secrist into camp by 6-2, 6-2.

Any female employee in Y-12 is welcomed to join the tennis group at any time. A telephone call to the Y-12 Recreation Office, telephone 7751, is all that is necessary to join the ladder. Sue Strange, Bldg. 9212, telephone 7-8487, is acting as secretary for the group.

The latest ladder standings follow:

1. Elizabeth Patrick
2. Ruby O'Kain
3. Mary Cusman
4. Nell McGinnis
5. Lois Secrist
6. Helen Brown
7. June Sherril
8. Frankie Dubose
9. Sue Strange
10. Helen Gombita

H & H Moves To Top In Horseshoe Loop

The horseshoe pitching team of Bill Hackett and H. L. Horton took over undisputed first place in the Y-12 Horseshoe League last week by winning three points from the Sneakers. The Crocketts also had a good night as they won three tallies from the Ringers. Other league results found the Hoppers taking a pair from the Kickers to



ONE OF THE HARDEST BATTLING TEAMS IN THE AMERICAN LEAGUE OF Y-12 SOFTBALLERS IS ADP shown above. Front row, left to right, Manager J. C. Bryan, R. L. Morrow, Al Gillen. Back row, left to right, Red Baker, H. O. Seivers, L. L. Brown, G. W. Ballew, Walt Goodwin, R. E. Wallace, A. J. Huston, L. E. Pate and James (Jiggs) Seivers. Players absent when the picture was made included R. C. Bryant, J. M. Harris, O. F. Hill, George R. Goins, Larry A. Dukes, P. A. Cuthbertson, C. K. Sanders, J. E. Smyrl, Clifford M. Simcox and J. D. Conatser.

Speas-Heins Annex Title

I. G. Speas and George Heins are the first half champions of the Y-12 Plant Golf League at Whittle Springs in Knoxville. The new champions beat Lou Kovach and Phil Breman by 2½ to 1½ to win the title. Al Sawyer and Floyd Ludwig stayed right on the heels of the circuit winners right down to the last wire and lost the first half title by only one-half point. The first half of league play was hotly contested with only three and one-half points separating the Number 4 team from the league winners.

Final first half standings follow:

Team	W	L
Speas-Heins	19	5
Sawyer-Ludwig	18½	5½
Breman-Kovach	17½	6½
Miller-Sexton	15½	8½
Burrus-Sherrod	12½	11½
Huskisson-Wilburn	11	13
Moynihan-Schappel	6½	17½
Caton-Perry	1	23

Three Tilts Played In Tennis Ladder

Play in the Y-12 Doubles Tennis Ladder is on the increase as three matches were reported by the Recreation Office recently. The two feminine combinations on the ladder engaged in a contest with Sue Strange and Lois Secrist beating Ruby O'Kain and Nell McGinnis by 1-6, 6-4, 6-4. John Perry-C. G. Campbell defeated Steve Dabic-Norbert Stotko by 6-0, 6-1. Frank Ballenger and Millard Cromer, who are riding atop the standings, disposed of C. D. Scott and Russ Jenness by 6-1, 6-0.

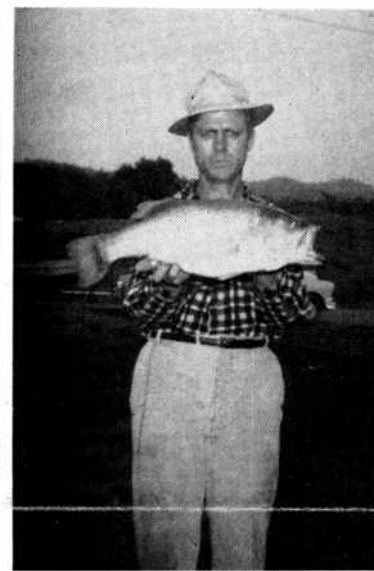
The latest positions on the ladder follow:

1. Ballenger - Cromer
2. Scott-Jenness
3. Hackett-Thomson
4. Perry-Campbell
5. Dabic-Stotko
6. Strange-Secrist
7. Taylor-Dake
8. O'Kain-McGinnis
9. Beams-Horton
10. Fischer-Rogers

remain in second place in the loop just three points from the league leaders. The Pioneers got back on the winning wagon by taking two tallies from the Leanners while the Sliders also captured a pair from the Jumpers.

League standing follows:

Team	W	L
H & H	17	4
Hoppers	14	4
Sliders	13	8
Jumpers	13	8
Kickers	11	7
Pioneers	11	10
Leanners	10	11
Crocketts	8	10
Toppers	6	12
Ringers	3	9
Catheads	2	16
Sneakers	2	16



L. B. MORROW, GENERAL MACHINE Shop, landed this big largemouth bass recently at Center Hill Lake. Morrow was using an Airex rod and a Record reel with a doll fly. This largemouth is entered in the big Y-12 Annual Fishing Contest.

Y-12 Fishing Event Proves Popular

Interest in the Y-12 Annual Fishing Contest is at an all-time high as many of the plant anglers are turning in entries into the big event. The annual contest opens each year on January 1 and closes on December 31. The contest is open to any employee in the Y-12 Plant.

Entry blanks for the affair may be obtained from the Y-12 Recreation Office, Bldg. 9704-2, telephone 7751.

Many Eligible Species

The eligible species for prizes at the end of the year includes, largemouth, smallmouth and striped bass, walleye and sauger pike, crappie, bream, rough fish and trout. The number of prizes awarded for each specie will be governed by the number of entries.

All fish must be caught on rod and line and they must be caught in legal open season. An affidavit must be signed by the person catching the fish and also by one witness. The affidavit must reach the Y-12 Recreation Office within 15 days of the catch. A photograph of the fisherman posing a side view of the catch must accompany each entry. Each fish entered must have been caught by a Y-12 employee. In event of two or more winning entries identical in weight and measurement, identical awards will be made to each. Largemouth are not eligible if caught in Florida and only trout caught in Tennessee or the Great Somky Mountains are eligible.

Two Teams Tied In Pistol League

Team No. 2 and Team No. 4 are tied for first place in the highly competitive Y-12 Plant Pistol League after firing recently at the Oak Ridge Sportsmen's Association range. Team No. 4 defeated Team No. 3 in both scratch and handicap firing by the scores of 743 to 720 scratch and 863.609 to 863.408 handicap.

Team No. 1 won scratch firing from Team No. 2 by the score of 496 to 494 but Team No. 2 turned the tide and won the handicap firing by 580.018 to 576.685.

Individual scratch and handicap scoring for Team No. 1 was T. J. Bush 252, C. G. Brewster 244, 289.298; O. C. Beatty 287.387. Team No. 2 had P. H. Williams with 272, 290.883; G. T. Pyle 222, 289.135. Team No. 3 J. C. Ezell 263, 288.212; R. L. Vanderpool 230, W. C. Dietrich 227, 288.371; A. V. Bible 286.825. Team No. 4 W. R. McIntosh 244, 284.169; D. R. Alford 264, 290.824; J. H. Rowan 235, 288.606.

The Y-12 League will fire again on Thursday, July 21 at the Oak Ridge Sportsmen's Association range.

League standings follow:

Team	W	L
Team No. 4	5	3
Team No. 2	5	3
Team No. 1	3	5
Team No. 3	3	5

Y-12 Golf League Continues Action

Everything was even in the Y-12 Plant Golf League in Oak Ridge last week as all teams who saw action in the circuit divided six points. Jay Holzknecht and Paddy Peckman, who won the first half championship of the league split with George Mitchel and Lamar Mathews. John Boyd and George Oliphant divided with John P. Smith and Elmore Koons while Logan Emlet and Carl Dorr, who was substituting for Art Hines, broke even with Bob Orrison and Harvey Saylor.

Logan Emlet had low net last week, a sizzling 28. Carl Dorr and Emlet tied for low gross honors with 39 each.

The schedule for next Wednesday, July 20 pits Orrison-Saylor vs McLendon-Underwood, Patterson-Peterson vs Mitchel-Mathews, Hines-Emlet vs Boyd-Oliphant and Holzknecht-Peckman vs Smith-Koons.

League standing follows:

Team	W	L
Snyder-Ratjen	6	0
Holzknecht-Peckman	9	3
Boyd-Oliphant	9	3
Hines-Emlet	7½	4½
Smith-Koons	4½	7½
Mitchel-Mathews	3	9
Orrison-Saylor	3	9
Peterson-Patterson	0	0
McLendon-Underwood	0	6

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Long Periods Of Disability Will Not Cut Social Security Benefits Under New Law

Y-12ers less than 65 years old who have been, or may become, totally disabled for at least six months may benefit from a new provision in the Social Security Act, it has been pointed out by Warren Maddox, manager of the Knoxville Social Security office, 511 West Church Ave., telephone 3-0731. The new provision, in effect, means that the amount of social security benefits at death or when the person covered reaches the age of 65 years will not be impaired by the inability to work during lengthy disability periods.

No Cash Payments Provided

Maddox explained that beginning January 1, 1955, applications for "determination of disability" may be accepted at his office. This does not mean, he says, that cash payments based on disability now are possible, but that for the first time periods of long disability will not count against some wage earners in figuring the average monthly wage on which old-age and survivors insurance payments are based.

Prior to 1955 the average monthly wage had to be figured from a specified starting date until the employee became 65 years old, or died. Those who could not work over a long period of time because of disability had their average earnings reduced by these periods of low earnings. In addition, the months of disability also had to be counted in figuring whether the employee had worked sufficiently long in jobs covered by Social Security to be eligible for benefits.

Factors Necessary For "Freeze"

Under the new law qualification for use of the "disability freeze" depends on these factors:

The employee must be totally disabled by a medically-determined illness, injury or other physical or mental impairment that can be expected to be of indefinite duration. This condition must have existed for at least six months and still exist at time of filing for a determination of disability.

The employee must have Social Security coverage for five years out of 10 before the disability, of which time one and a half years of coverage must have been in the three years prior to the disability.

Any Y-12er wishing further information on the "disability freeze" may obtain it from the Knoxville Social Security office.

Slow down at sundown.

Roane County Loop Hotly Contested

The Roane County Golf League which plays its matches at the Rockwood and Harriman golf courses is being hotly contested as all teams are fighting to overtake the combination of Arnold Tiller and Eddie Roberts, who have been leading the loop practically all of the season.

According to the latest results from the Recreation Department the team of Harvey Saylor and Karl Kahley moved up to the third spot in the league by blanking their opponents by three tallies. Tiller and Roberts stayed on top of the league by taking two points from their opposition. Bill Hamil and Tom Mackey, who are in second place in the loop, continued on the winning trail by picking up two and one-half points to run their total to 19 for the season. Hamil and Mackey are now three and one-half points out of first place.

The latest league standing follows:

Team	W	L
Tiller-Roberts	22½	7½
Hamil-Mackey	19	11
Kahley-Saylor	18	12
Ellis-Anglin	17	13
Mee-Owings	16½	13½
Parker-Guinn	15	15
Cromer-Martin	8	22
Roberts-Pietz	4	26

Figures Show Living Level Much Higher In America

The measure of a man's living standard is how much he can buy with the proceeds of his labor. Taking the pay per hour of the average employee in the United States, England and Russia and equating them to the cost of the things they buy, it is estimated that the free American can buy a suit of clothes for 15 hours of work while an Englishman must work one and one-third week for the same suit. In Russia three weeks would be required to earn sufficient money for the suit.



PRESENTING THE BUMS, ONE OF THE FINEST TEAMS IN THE NATIONAL LEAGUE OF Y-12 SOFTBALLERS. Front row, left to right, Eugene H. Giles, Don Forrester, Jack Simmons, Ray Plyman and Manager W. C. (Andy) Anderson. Back row, left to right, H. E. Dake, R. B. Smith, Lloyd Kahler and A. Shoopman. Players absent when the picture was made included Earl McBee, W. C. Fraley, Donald Dunbar, C. W. Adkins, Charles A. McWright, C. R. Gassaway, C. E. McKinney, R. E. Ferguson, J. J. Turner, M. E. Turner and James A. Davis.



Continued from Page 2

Rue . . . Florida called W. C. Crowe for his vacation . . . C. L. Ramsey camped out in the Smokies . . . K. P. Emert journeyed to Miami for a visit with his brother . . . J. T. Creasman visited relatives in Andrews, N. C. . . . F. E. McKeethan is on vacation in Dayton, Ohio . . . P. E. Woody took it easy around home in Maryville . . . H. C. Day went to dear ole Jacksonville, Fla. . . . I. W. Williams visited relatives in West Virginia . . . L. M. Vinson is in Oklahoma City spending his vacation with wife's relatives . . . J. C. Chamblee is in Flat Rock, Ala., with kin folks . . . J. L. Crossnoe, Sr., went to East St. Louis, Ill., and Denver to visit relatives . . . C. E. Spradlin traveled to Panama City, Fla., to do a little fishing . . . John Gordon and family spent the holiday week end in Aiken, S. C. . . . Tom Fitzgerald, a fine reporter for his shift, is on vacation . . . Kathleen Davis and her husband and some friends camped in the Smokies recently . . . Congratulations to R. E. McNew on the birth of a fine baby boy, born July 4, at St. Mary's Hospital, Raymond E. McNew, Jr. — six pounds and three ounces — the mother of the new boy is a former Y-12er.

Guy Seaton, C Mechanical Operations, was on vacation last week.

R. L. Crumley, J. A. Whitten, K. B. Shelton, R. T. Shepard, B. E. Rowland, and C. E. Tilley, D Mechanical Operations, had a skating party recently at the Jefferson Roller Rink . . . R. T. Shepard



THIS IS JUST A SAMPLE OF THE many tables of food which was spread at noontime at the D Shift picnic. A group of D Shifters and guests are shown getting ready to devour part of the fine victuals.

went to Atlanta to view the motorcycle races . . . F. McKamey vacationed last week in Camp Stewart, Ga. . . K. B. Shelton spent the holiday week end in Richmond, Va. . . C. J. Dehart is vacationing in Ft. Wayne, Ind., and Cold Water (that's a fine name), Mich. . . J. F. Trent is in Fayetteville, Ga. . . D. E. Plemons caught a big carp near Harriman recently—wt. 22½ pounds . . . L. R. Loveless vacationed last week in North Carolina . . . A. Neal and J. E. French are on the sick list . . . W. E. Shoopman, C. B. Wilson, R. H. Burns and J. F. Campbell were on vacation last week.

News from Mechanical Opera-

tions is that C. Carson and family vacationed in Ohio for a couple of weeks with his mother and did a good deed of painting her house while there . . . C. T. Bunch and family went to Clearwater, Fla., for a couple of weeks . . . R. R. Galford is spending his vacation in Shenandoah Valley, Va. . . . L. R. Crawford and family are spending two weeks in California. . . . O. B. Bean spent last week in Washington, D. C. . . . H. R. Mullins worked on his new house while on vacation . . . W. E. Sizemore visited relatives in Kentucky while on vacation . . . E. Douglas is deep sea fishing at Myrtle Beach, S. C. . . . W. C. Smith is vacationing in Etowah, Tenn. . . . C. M. Rockholt is vacationing in Chicago, Ill. . . . Joe Loggins spent his vacation around home, Harriman, that is . . . P. A. Copeland is taking it easy around home while vacationing . . . H. B. Oliver is traveling to Ohio to take in a few ball games and stop by Kentucky for a visit with relatives . . . P. G. Fleeman is visiting in the Smokies on vacation . . . W. R. Coats and wife are visiting relatives in North Carolina . . . P. H. Stewart is visiting in Little Rock. . . . J. E. Gilstrap is spending his vacation in Chattanooga and doing a little fishing at Fontana, N. C. . . . G. S. Weaver is vacationing in Johnson City, Tenn. . . . M. B. McCarter drove down Copperhill way over the 4th . . . J. C. Loope and family spread a big picnic in the Smokies over the long week end . . . T. W. Bailey put in a busy time over the holidays working on his dad's farm . . . Fish story of the week—W. F. Beach caught a water ski at Kingston while fishing for bass . . . W. H. Asbury and family toured Kentucky and Virginia over the long week end . . . H. B. Thackston and family had a big picnic at Cumberland Falls recently . . . O. C. Willard and E. D. Folden are vacationers—destination unknown . . . W. S. Fox and family joined the crowd in the Smokies over the July 4th week end . . . Bobbie Griffin viewed the new swimming pool at Fontana while on vacation.

DON'T OVERLOAD AUTOS

Don't increase vacation driving hazards by overloading or incorrectly loading your car. The Institute For Safer Living of the American Mutual Liability Insurance Company advises keeping these three points in mind. Don't block the side or rear vision. Distribute the load evenly so the car will be properly balanced. A heavily loaded car is harder to stop, so make extra allowance for stopping distances.



THE FOOD AT THE D SHIFT PICNIC SURELY WAS FINE AS EVIDENCED by the smiling faces of D Shifters, their families and guests shown above. Pictured around the table in the right photo, Mrs. W. T. Headrick, Charlotte Jane Headrick, Brenda Green, E. J. Walker, W. T. Headrick, J. D.



Huffman, Mrs. J. D. Huffman and John Wayne Huffman. The families in the picture on the left are those of E. L. Moore, T. S. Higgins, E. J. Walker, D. E. Bailey and J. E. Warren.